Case. No. __GCSD-1298 (51369)__

16085 U.S. PTO 042104

MS PATENT APPLICATION
COMMISSIONER OF PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Transmitted herewith for filing is the patent application of:

EXPRESS MAIL NO: __EV 301514858 US__
DATE OF DEPOSIT: __April 21, 2004__
NAME: __Justin Goree__

SIGNATURE:

16834 U.S. PTO 10/828690 042104

Inventors: Timothy E. DURHAM
              James J. RAWNICK

For: REFLECTOR ANTENNA SYSTEM INCLUDING A PHASED ARRAY
        ANTENNA OPERABLE IN MULTIPLE MODES AND RELATED METHODS

Enclosed are:

[X]   Patent Application: __37__ pages, __22__ claims.
[X]   __12__ sheets of drawings.
[X]   The suggested drawing figure to be published is FIG. 1.
[X]   A declaration and power of attorney.
[X]   An assignment of the invention to *Harris Corporation.*
[X]   Citation Under 37 CFR 1.97 and PTO-1449.
[X]   Assignee info:
              Name: Harris Corporation
              Address: 1025 West NASA Blvd.
                         Melbourne, Florida 32919
       Corporation of the State of Delaware

The filing fee has been calculated as shown below:

FOR:	(Col. 1) # FILED		(Col. 2) # EXTRA		SMALL ENTITY RATE	FEE		LARGE ENTITY RATE	FEE
BASIC FEE						$ 385	OR		$ 770
TOTAL CLAIMS	22	-20	2		X 9	$	OR	X 18	$ 36
INDEP CLAIMS	3	- 3	0		X 43	$	OR	X 86	$
* If the difference in Col. 1 is less than "0", enter "0" in Col. 2.					TOTAL	$ ***		TOTAL	$ 806

[X]   The Commissioner is authorized to charge the filing fee of $806.00 and the assignment recordal fee of $40.00 to Harris Corporation Deposit Account No. 08-0870.

[X]   The Commissioner is authorized to charge or credit any discrepancies in fee amounts to Harris Corporation Deposit Account No. 08-0870.

[X]   **PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD: CHRISTOPHER F. REGAN**

[X]   Please associate this application with Customer No. 27975.

27975

PATENT TRADEMARK OFFICE

__April 21, 2004__
Date

JOHN F. WOODSON, II
Reg. No. 45,236